

# United States Patent [19]

Magnusson et al.

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[54] GUIDED PERIODONTAL TISSUE  
REGENERATION

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424/444; 128/DIG. 8; 433/228.1, 202.1, 215;  
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**ABSTRACT**

A method and surgical implant article for enhancing the regeneration of periodontal connective tissue at tooth root surfaces exposed by periodontal surgery wherein the exposed root surfaces are covered with a surgical implant article which is a membrane which excludes contact between the root surfaces and gingival epithelium and gingival connective tissue but permits migration to the root surfaces of PDL cells, the membrane being constructed of a non-toxic, nonimmunogenic, bio-absorbable material.

8 Claims, 1 Drawing Sheet